

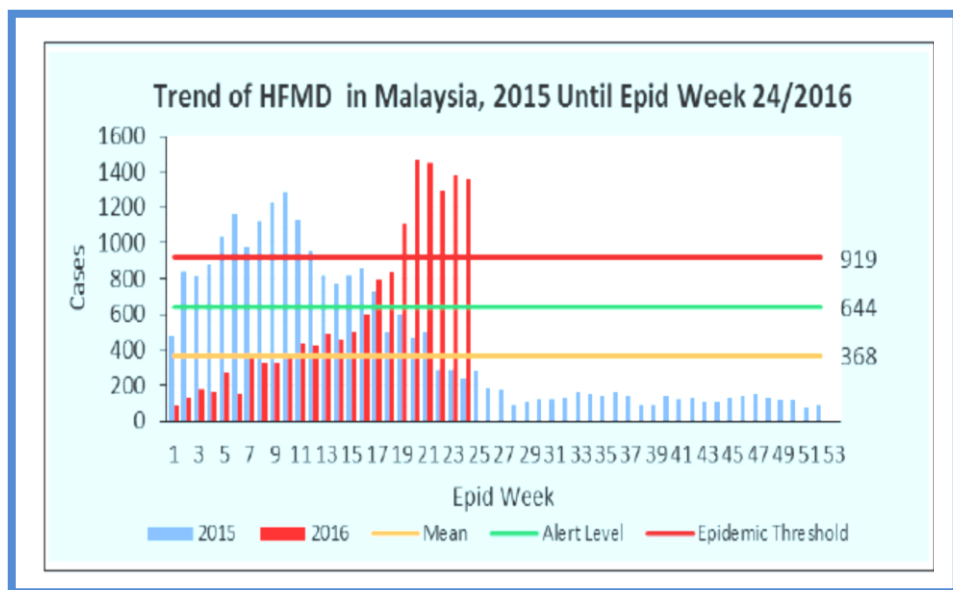
EPIDEMIOLOGICAL BULLETIN

EPID WEEK 24

DATE : 12.06.2016 – 18.06.2016

OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 24

No	District	Locality	Disease /event	Number of cases
1	Johor Bahru	Kem Bt 3, 5RAMD, Jln Mersing, KG	Food Poisoning	7
2	Johor Bahru	Pusat Jagaan Kasih Setinggi, JB	Scabies	31



Weekly highlights HFMD Alert!

During epid week (EW) 23/2016 (5th June 2016 – 11th Jun 2016) a total of 1,379 cases were reported, an increase of 83 cases (6.4%) as compared to EW24 (1,296 cases). This increasing trend was detected from EW17 (794 cases) exceeded the 'Alert Level'. Selangor has the highest case number 4,441 cases (32.6%), Johor 1,393 cases (10.2%), WPKL 1,317 cases (9.7%), Sabah 1,299 cases (9.5%), Sarawak 1,108 cases (8.1%), Perak 892 cases (6.5%), Melaka 727 cases (5.3%), Pulau Pinang 713 cases (5.2%), Negeri Sembilan 522 cases (3.8%), Pahang 345 cases (2.5%) and Kedah 265 cases (1.9%).

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Sumber : [enotifikasi/edengue/ewabak/emeasles/buletinMKA](#)

1. COMMUNICABLE DISEASES FOR CURRENT WEEK, 2015 AND 2016, JOHORE STATE

DISEASE		EW 24 2016	EW 24 2015	MEDIAN	CUMULATIVE 2015	CUMULATIVE 2016
NOTIFIABLE DISEASES						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	154	383	87	3820	7185(10)
	DENGUE HAEMORRHAGIC FEVER	0	1	1	5	5
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	3	3
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	0	0	0	23	28
	FOOD POISONING (case)	0	0	1	675	1226(2)
8.	GONOCOCCAL INFECTION (all forms)	2	2	3	140	122
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	91	11	32	1516	1484
10.	HIV INFECTION (all forms)	6	3	11	340	253
	HIV DEATH	4	0	0	0	26
11.	LEPROSY	0	0	0	6	3
12.	LEPTOSPIROSIS	4	7	2	172	109(11)
13.	MALARIA	1	0	1	12	10
14.	MEASLES	0	1	0	14	148
15.	PLAGUE	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0
17.	RABIES	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0
19.	SYPHILIS (all forms)	2	2	1	47	59
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	1
21.	TUBERCULOSIS (all forms)	52	41	37	1158	906
	TUBERCULOSIS DEATH	0	0	0	0	79
22.	TYPHOID & PARATYPHOID FEVER	0	1	0	8	4
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	0	0	0	3	2
	b) Hepatitis B	6	6	3	172	122(3)
	c) Hepatitis C	5	3	3	72	72(2)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	0	0	0	4	6
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	8	0	0	1	10
2	ACUTE GASTROENTERITIS (AGE)	388	31	645	1400	9057
3	FILARIASIS	0	0	0	13	4
4	INFLUENZA-LIKE ILLNESS (ILI)	793	54	126	2854	19879
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	16	0	0	11	262
6	MELIOIDOSIS	0	0	0	0	14
7	BRUCELLOSIS	0	0	0	0	7

2. COMMUNICABLE DISEASES 2012 – 2016, JOHORE STATE

DISEASE		2012	2013	2014	CUMULATIVE 2015	2016
NOTIFIABLE DISEASES						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	762	1389	2265	3820	7185(10)
	DENGUE HAEMORRHAGIC FEVER	31	32	15	5	5
4.	DIPHThERIA	0	0	0	0	0
5.	DYSENTERY (all types)	1	0	1	3	3
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	0	16	27	23	28
	FOOD POISONING (case)	605	593	1072	675	1226(2)
8.	GONOCOCCAL INFECTION (all forms)	107	32	47	140	122
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	1684	978	1031	1516	1484
10.	HIV INFECTION (all forms)	0	273	285	340	253
	HIV DEATH	0	0	0	0	26
11.	LEPROSY	4	8	4	6	3
12.	LEPTOSPIROSIS	21	24	87	172	109(11)
13.	MALARIA	30	31	16	12	10
14.	MEASLES	0	8	5	14	148
15.	PLAGUE	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0
17.	RABIES	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0
19.	SYPHILIS (all forms)	64	16	37	47	59
20.	TETANUS (Neonatorum / Adult)	0	0	1	0	1
21.	TUBERCULOSIS (all forms)	1087	893	948	1158	906
	TUBERCULOSIS DEATH	0	0	0	0	79
22.	TYPHOID & PARATYPHOID FEVER	3	6	6	8	4
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	1	2	4	3	2
	b) Hepatitis B	86	76	85	172	122(3)
	c) Hepatitis C	69	108	71	72	72(2)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	3	0	2	4	6
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	6	1	10
2	ACUTE GASTROENTERITIS (AGE)	16619	16835	13862	1400	9057
3	FILARIASIS	0	0	8	13	4
4	INFLUENZA-LIKE ILLNESS (ILI)	3690	3599	3369	2854	19879
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	214	11	262
6	MELIOIDOSIS	0	0	0	0	14
7	BRUCELLOSIS	0	0	0	0	7

3. COMMUNICABLE DISEASES FOR CURRENT WEEK BY DISTRICT, 2016, JOHORE STATE

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
NOTIFIABLE DISEASES												
1.	CHANCROID	0	0	0	0	0	0	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
3.	DENGUE FEVER	109	12	4	1	7	9	3	2	6	1	154
	DENGUE HAEMORRHAGIC FEVER	0	0	0	0	0	0	0	0	0	0	0
4.	DIPHThERIA	0	0	0	0	0	0	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	0	0	0	0	0	0	0	0
6.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
7.	FOOD POISONING (episode)	0	0	0	0	0	0	0	0	0	0	0
	FOOD POISONING (case)	0	0	0	0	0	0	0	0	0	0	0
8.	GONOCOCCAL INFECTION (all forms)	0	0	0	0	2	0	0	0	0	0	2
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	44	2	8	4	7	14	1	5	6	0	91
10.	HIV INFECTION (all forms)	1	0	0	0	4	0	1	0	0	0	6
	HIV DEATH	0	0	0	0	3	0	1	0	0	0	4
11.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
12.	LEPTOSPIROSIS	0	3	0	0	0	0	1	0	0	0	4
13.	MALARIA	0	0	0	0	0	0	0	0	0	1	1
14.	MEASLES	0	0	0	0	0	0	0	0	0	0	0
15.	PLAGUE	0	0	0	0	0	0	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0
17.	RABIES	0	0	0	0	0	0	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0	0	0	0	0	0	0
19.	SYPHILIS (all forms)	0	1	0	0	0	0	1	0	0	0	2
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	20	7	5	4	7	4	0	0	5	0	52
	TUBERCULOSIS DEATH	0	0	0	0	0	0	0	0	0	0	0
22.	TYPHOID & PARATYPHOID FEVER	0	0	0	0	0	0	0	0	0	0	0
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	0	0	0	0	0	0	0
25.	VIRAL HEPATITIS											
	a) Hepatitis A	0	0	0	0	0	0	0	0	0	0	0
	b) Hepatitis B	0	0	3	0	2	0	1	0	0	0	6
	c) Hepatitis C	0	0	0	1	3	0	1	0	0	0	5
	d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	0
26.	WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0
27.	YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE												
1	ACUTE FLACCID PARALYSIS (AFP)	3	0	1	0	3	1	0	0	0	0	8
2	ACUTE GASTROENTERITIS (AGE)	63	8	19	18	97	0	54	33	71	25	388
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	793										793
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	16										16
6	MELIOIDOSIS	0	0	0	0	0	0	0	0	0	0	0
7	BRUCELLOSIS	0	0	0	0	0	0	0	0	0	0	0

4. COMMUNICABLE DISEASES CUMULATIVE BY DISTRICT, 2016, JOHORE STATE

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
NOTIFIABLE DISEASES												
1.	CHANCROID	0	0	0	0	0	0	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
3.	DENGUE FEVER	5601(10)	359	80	36	180	213	215	108	357	36	7185(10)
	DENGUE HAEMORRHAGIC FEVER	4	0	0	0	0	0	0	0	1	0	5
4.	DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0
5.	DYSENTERY (all types)	2	1	0	0	0	0	0	0	0	0	3
6.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
7.	FOOD POISONING (episode)	8	6(2)	3	3	3	1	1	0	3	0	28(2)
	FOOD POISONING (case)	287	30	159	28	365	14	247	0	74	22	1226
8.	GONOCOCCAL INFECTION (all forms)	52	11	0	1	37	2	1	3	11	4	122
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	674	92	92	81	97	236	41	42	73	56	1484
10.	HIV INFECTION (all forms)	153	13	9	4	17	12	14	15	11	5	253
	HIV DEATH	6	0	0	1	5	2	4	5	1	2	26
11.	LEPROSY	2	0	0	0	1	0	0	0	0	0	3
12.	LEPTOSPIROSIS	43(9)	13	17(1)	4	5	4(1)	8	5	6	4	109(11)
13.	MALARIA	1	0	1	0	0	1	2	1	1	3	10
14.	MEASLES	114	8	6	0	8	5	2	3	2	0	148
15.	PLAGUE	0	0	0	0	0	0	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0
17.	RABIES	0	0	0	0	0	0	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0	0	0	0	0	0	0
19.	SYPHILIS (all forms)	39	10	2	0	2	2	1	1	0	2	59
20.	TETANUS (Neonatorum / Adult)	1	0	0	0	0	0	0	0	0	0	1
21.	TUBERCULOSIS (all forms)	436	71	57	34	65	77	47	42	55	22	906
	TUBERCULOSIS DEATH	31	2	3	5	24	4	2	2	4	2	79
22.	TYPHOID & PARATYPHOID FEVER	2	0	1	0	0	0	0	0	0	1	4
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	0	0	0	0	1	0	1
25.	VIRAL HEPATITIS											
	a) Hepatitis A	1	0	0	0	1	0	0	0	0	0	2
	b) Hepatitis B	60	9	10	2	9	4(1)	6	7(1)	13	2(1)	122(3)
	c) Hepatitis C	16(1)	1	5	5(1)	10	12	3	9	11	0	72(2)
	d) Other Hepatitis	1	0	0	0	0	0	0	0	1	0	2
26.	WHOOPING COUGH	0	1	1	0	0	2	2	0	0	0	6
27.	YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE												
1	ACUTE FLACCID PARALYSIS (AFP)	4	0	1	1	3	1	0	0	0	0	10
2	ACUTE GASTROENTERITIS (AGE)	1357	80	361	445	206 5	1113	1060	498	1518	560	9057
3	FILARIASIS	0	0	0	0	1	0	0	2	1	0	4
4	INFLUENZA-LIKE ILLNESS (ILI)	19879										19879
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	262										262
6	MELIOIDOSIS	1	1	3	0	2	2	2	3	0	0	14
7	BRUCELLOSIS	3	0	4	0	0	0	0	0	0	0	7

5. CLUSTER / OUTBREAK BY DISTRICT, 2016, JOHORE STATE

DISEASES		JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
1	ACUTE GASTROENTERITIS (AGE)	2	0	0	0	0	0	0	0	0	0	2
2	CHICKEN POX	1	0	0	0	0	0	0	0	0	0	1
3	CONJUNCTIVITIS	0	0	0	0	0	0	0	0	0	2	2
4	FOOD POISONING	13	6	2	2	4	0	1	0	3	1	32
5	HAND, FOOT & MOUTH DISEASE (HFMD)	20	4	0	6	0	14	1	0	2	2	49
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	5	0	1	0	0	0	0	0	0	0	6
8	LEPTOSPIROSIS	0	0	0	0	0	0	0	0	0	0	0
9	MEASLES	9	0	1	0	0	0	0	0	0	0	10
10	MUMPS	0	0	0	0	0	0	0	0	0	1	1
11	UPPER RESPIRATORY TRACT INFECTION (URTI)/	5	0	0	0	0	0	0	0	0	0	5
12	SCABIES	2	0	0	0	0	0	0	0	0	0	2
13	RUBELLA	0	0	0	0	0	0	0	0	0	0	0

6. INFLUENZA SURVEILLANCE 2015- 2016, JOHORE STATE

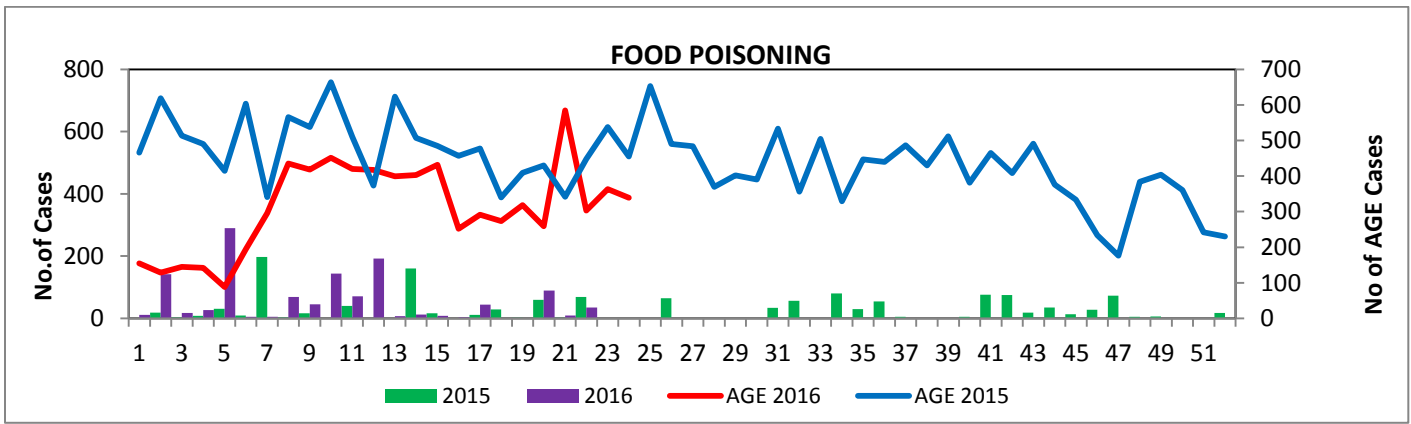
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 24					CUMULATIVE				
	< 10 years	10 to 19 years	20 to 59 years	≥ 60 years	Total	< 10 years	10 to 19 years	20 to 59 years	≥ 60 years	Total
Number of ILI Cases	75	267	345	106	793	1759	5654	9608	2858	19879
Total Outpatient Attendances	544	1261	1796	753	4354	10032	28235	51401	24535	114203

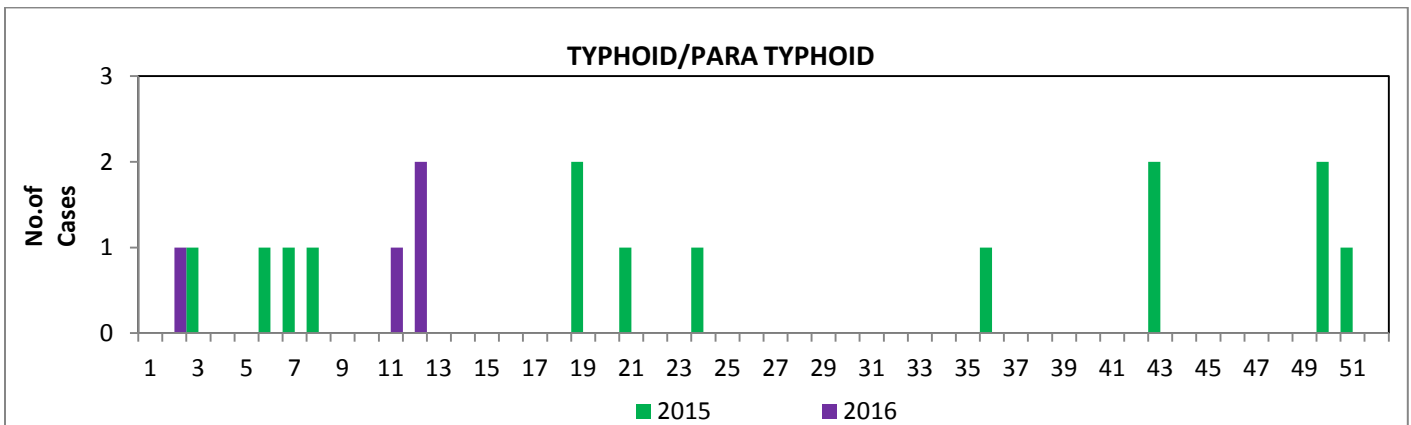
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 24			CUMULATIVE		
	Paediatric Patients (< 13 years)	Adults Patients (≥ 13 years)	Total	Paediatric Patients (< 13 years)	Adults Patients (≥ 13 years)	Total
Number of SARI Cases (New Admission)	12	4	16	158	104	262

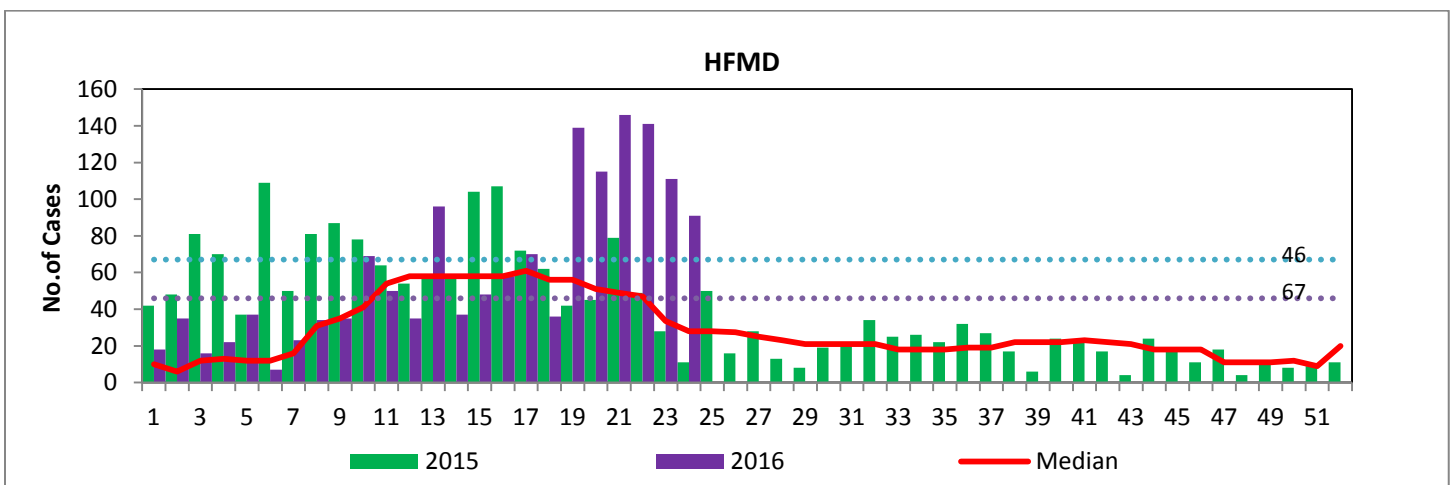
7. WEEKLY CASES OF FOOD POISONING, 2015—2016



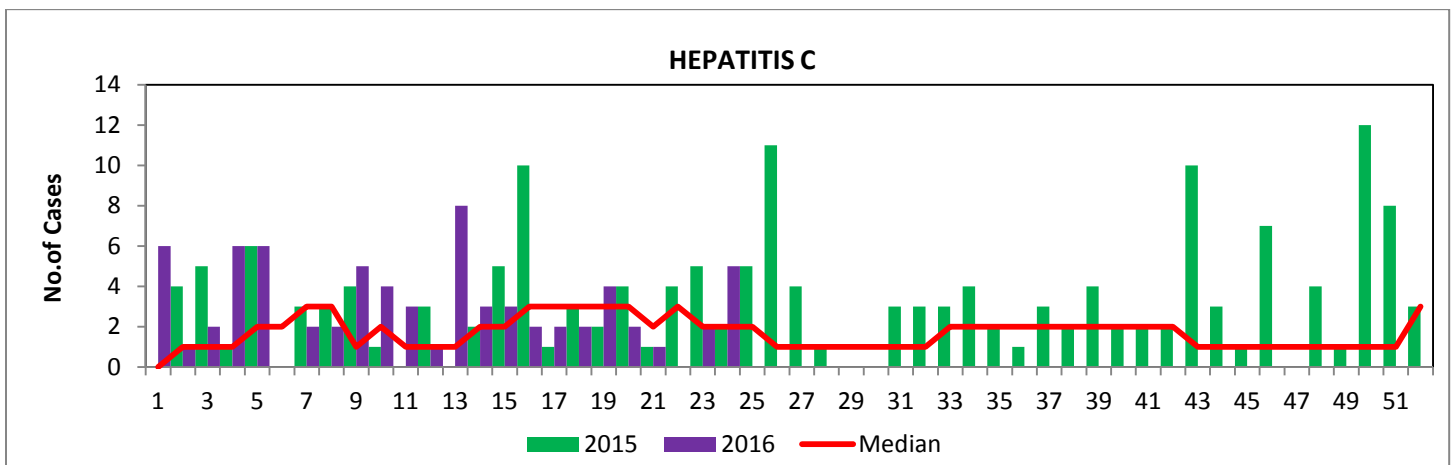
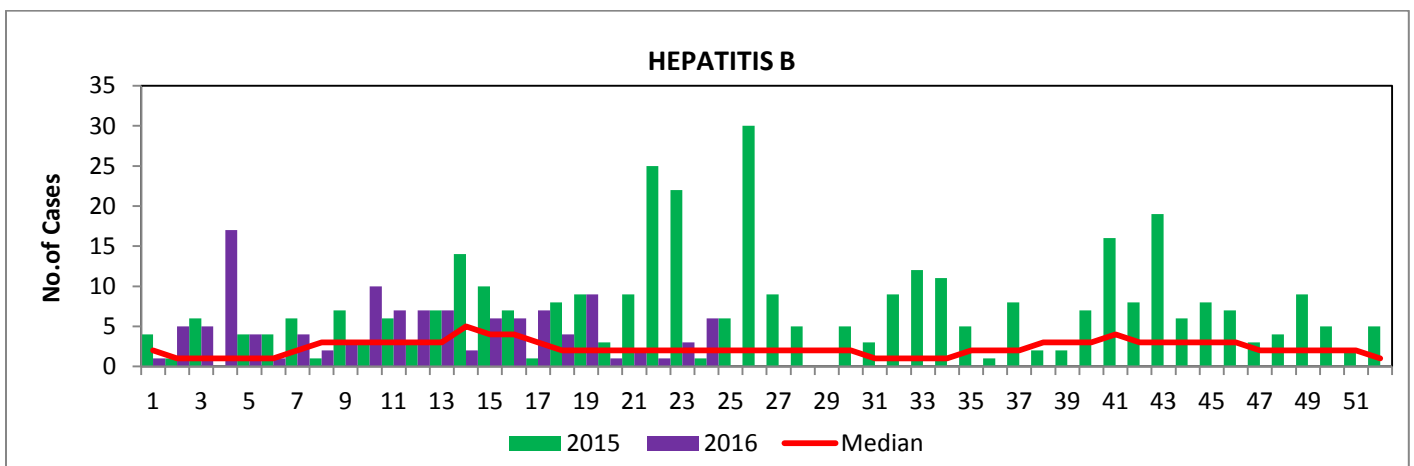
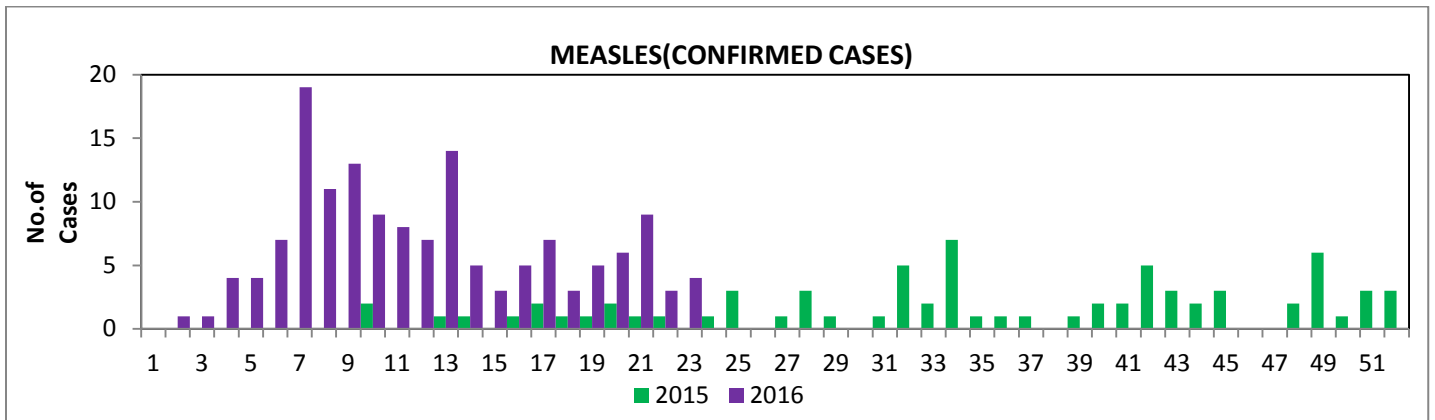
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016



9. WEEKLY CASES OF AIR/DROPLET BORNE DISEASES, 2015—2016



10. WEEKLY CASES OF VACCINE PREVENTABLE DISEASES, 2015—2016



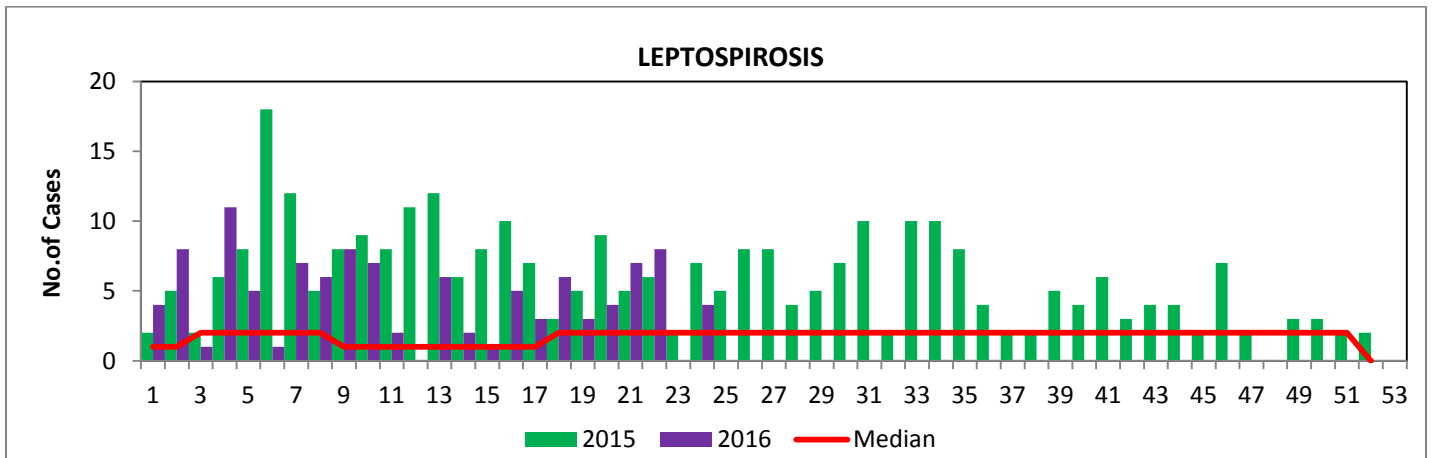
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	13
Epidemiologically confirmed	15
Lab confirmed	148
Discarded	82
Pending	29

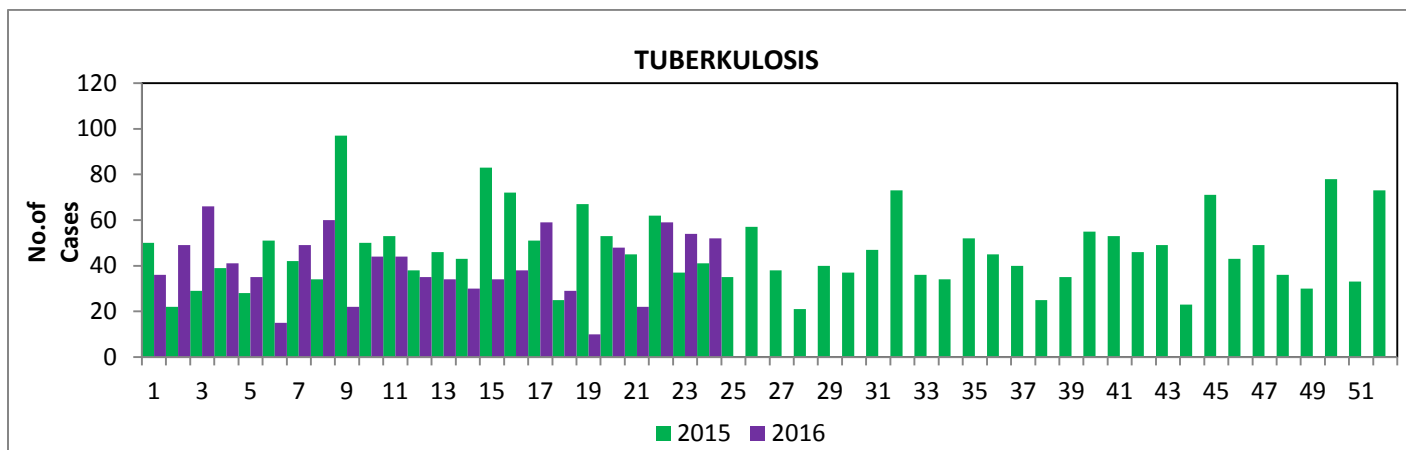
Total notifications	287
Incidence rate	79.9 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	40%	100%
Cases investigated within 48 hours	95%	>80%
Sample taken for confirmation	91%	>80%
Cases classified	97%	100%
Confirmed case with source of infection identified	87%	>80%
Death	0	0

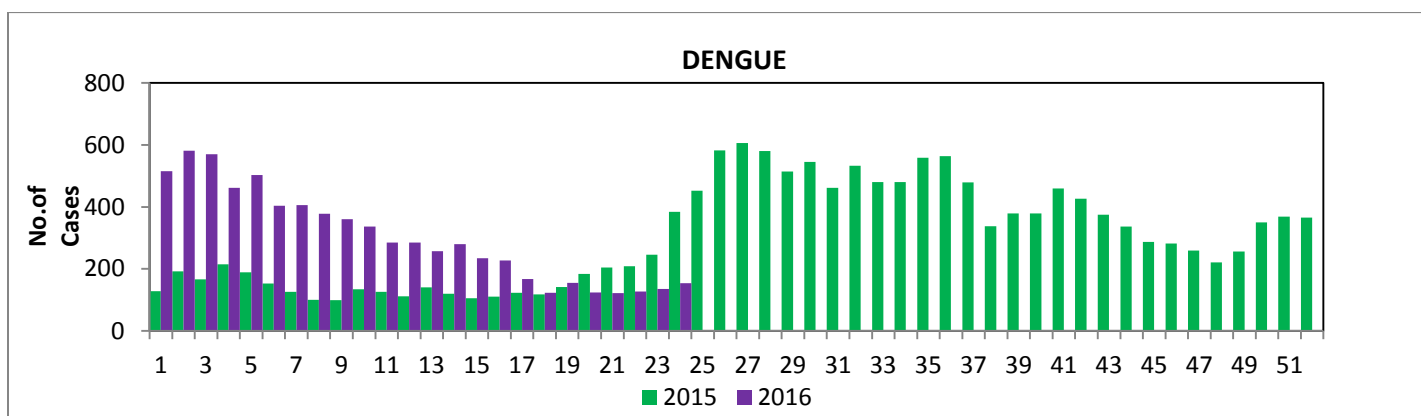
11. LEPTOSPIROSIS



12. TUBERCULOSIS



13. DENGUE



14. LABORATORY BASED SURVEILLANCE

14.1 Enteric Pathogen Identified During Food Poisoning / AGE Event 2016 – 2015, Johor State

Analysis	No. of sample received		No. of positive sample	
	EW 24 2016	Cumulative 2015	EW 24 2016	Cumulative 2015
1 <i>Salmonella typhi</i> / <i>Salmonella spp.</i>	3	22	0	2
2 <i>Yersinia enterocolitica</i>	1	20	0	0
3 <i>Vibrio cholerae</i> / <i>Vibro para</i>	1	20	3	0
4 <i>Plesiomonas shigelloides</i> / <i>spp</i>	1	20	0	0
5 <i>Enteropathogenic E.coli</i> (EPEC,EHEC)	1	20	0	3
6 <i>Aeromonas hydrophilia</i> / <i>spp</i>	1	20	0	0
7 <i>Shigella spp.</i>	1	20	0	0
8 <i>Bacillus cereus</i> (positive enterotoxin)	1	20	0	0
9 <i>Staphylococcus aureus</i> (positive enterotoxin)	1	20	0	0
10 <i>Campylobacter jejuni</i> / <i>coli</i> / <i>spp</i>	1	20	0	0

15. INFLUENZA SURVEILLANCE

